



VECTORLLM

A CONSTRAINED FRAMEWORK FOR
LINGUISTIC INFLUENCE ANALYSIS

+ FIELD MANUAL v0.1 +

+ PROPOSED AND DEVELOPED BY +
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LANGUAGE FUNCTIONS AS A VECTOR.
THE MIND FUNCTIONS AS A HOST.
MECHANISMS DESCRIBE TRANSMISSION.
BEHAVIOR REFLECTS OUTCOME.

+ AKB +

ALWAYS KEEP BUILDING



TOC

FRONT MATTER

Cover Page
Forward
System Statement

SECTION I - FOUNDATIONS

1. Core Model
2. Design Principals

SECTION II - MECHANISM LAYER

3. Core Mechanisms
4. Mechanism Dection Rules

SECTION III - NON-MECHANISM PATTERN

5. NMP Overview
6. NMP Patterns

SECTION IV - VULNERABILITY LAYER

7. Host Vulnerabilities Overview
8. Vulnerability Set

TOC

SECTION V - MAPPING LAYER

- 9. Mechanism - Vulnerability Matrix
- 10. Matrix Application Rules

SECTION VI - FIELD USE

- 11. Field Protocol (5-Step Process)
- 12. Annotation Format
- 13. Common Errors

SECTION VII - CALIBRATION

- 14. Labeled Examples
- 15. Edge Cases

SECTION VIII - APPLICATION

- 16. Real-World Context
- 17. Self-Analysis

SYSTEM STATEMENT

VectorLLM is a constrained analytical framework for identifying linguistic mechanisms that influence perception, interpretation, and decision-making.

The system operates on a simple model:

**Language functions as a vector.
The mind functions as a host.
Mechanisms describe transmission.
Behavior reflects outcome.**

VectorLLM does not attempt to classify all communication as manipulation. Most communication is expressive, social, or informational and should remain unclassified at the mechanism level.

The purpose of the framework is differentiation.

The system separates:

- mechanisms that apply pressure,
- non-mechanism communication patterns,
- and host vulnerabilities that increase susceptibility to influence.

To preserve signal integrity, VectorLLM operates under strict constraints:

- Only observable structures are labeled
- Maximum two mechanisms per example
- Ambiguous cases remain unlabeled
- Mechanisms, NMP patterns, and vulnerabilities remain separate layers
- Intent is not assumed

SECTION I - FOUNDATIONS

1. CORE MODEL

VectorLLM treats language as an active system rather than a passive medium.

At its core, the model is defined by four components:

Language → Vector
Mind → Host
Mechanism → Transmission
Behavior → Outcome

Language functions as a vector when it applies directional influence on perception or decision-making. Not all language meets this condition. Most communication remains neutral or expressive.

The mind functions as the host. It receives, processes, and responds to incoming vectors. Response is not guaranteed. It is conditional.

Mechanisms describe how transmission occurs. They are identifiable, repeatable patterns in language that apply pressure, reduce clarity, or influence interpretation.

Behavior is the observable outcome. This includes decisions, agreement, resistance, or propagation of the original message.

This model does not assume intent. It does not require manipulation. It defines structure.



2. DESIGN PRINCIPLES

VectorLLM operates under constraint. These constraints are required to preserve signal and prevent over-interpretation.

Precision over volume. Only label what is clearly observable. If a mechanism cannot be directly supported by the text, it is not labeled.

Maximum of two mechanisms per example. Limiting attribution forces prioritization and reduces noise.

No forced classification. If a sample does not clearly meet criteria, it remains unlabeled.

Separate layers. Mechanisms, non-mechanism patterns (NMP), and vulnerabilities are distinct. They must not be conflated.

No assumption of intent. The system identifies structure, not motive.

Ambiguity is valid. Uncertainty is an acceptable outcome. Not all inputs produce classification.

Constraint is the system. Without constraint, the model collapses into over-generalization.

3. CORE MECHANISMS

Mechanisms are defined as identifiable linguistic patterns that apply pressure, reduce clarity, or influence decision-making.





SECTION II - MECHANISM LAYER

Each mechanism must meet the following criteria:

- It is observable in the text
- It applies directional influence
- It produces a measurable effect on interpretation or response

The system defines eighteen mechanisms:

Identity Hook:

Binds compliance to a valued identity, making disagreement feel like self-betrayal.

Belonging Lure:

Implies inclusion or acceptance is conditional on agreement or compliance.

Guilt Loading:

Assigns responsibility for harm or negative outcomes to refusal or noncompliance.

Duty Frame:

Frames compliance as an obligation or responsibility that must be fulfilled.

Authority Frame:

Substitutes reasoning with reference to authority, discouraging independent evaluation.



**Repetition Drive:**

Uses repetition to substitute familiarity for reasoning.

Slogan Compression:

Reduces complex ideas into short, repeatable phrases.

Complexity Suppression:

Dismisses nuance to force simplified or binary thinking.

Conflict Preemption:

Discourages disagreement before it occurs.

4. MECHANISM DETECTION RULES

Detection is based on carrier phrases.

A carrier phrase is the specific portion of text that activates the mechanism. It must be identifiable and directly tied to the definition of the mechanism.

Process:**1. Isolate the exact phrase**

-Identify the minimal text responsible for the effect.

2. Match to definition

-The phrase must meet the criteria of the mechanism without interpretation.





3. Confirm pressure

-Determine whether the phrase applies directional influence, not just tone or emotion.

4. Eliminate overlap

-If multiple mechanisms appear possible, select the strongest and most direct.

5. Enforce constraint

-Do not exceed two mechanisms per example.

Non-qualifiers:

- Emotional tone alone is not a mechanism**
- Narrative detail is not a mechanism**
- Personal opinion is not a mechanism**
- General statements without pressure are not mechanisms**

Failure conditions:

- No identifiable carrier phrase**
- Mechanism requires assumption of intent**
- Classification depends on context not present in the text**

In these cases, no mechanism is assigned.





SECTION III - NON-MECHANISM PATTERN LAYER

5. NMP OVERVIEW

Not all notable communication contains mechanisms.

People frequently use emotionally charged, self-referential, ambiguous, or reactive language without attempting to manipulate, pressure, or control the listener. If these ordinary patterns are mislabeled as mechanisms, the system loses specificity and begins to over-interpret normal communication.

The Non-Mechanism Pattern Layer (NMP) exists to solve this problem.

NMP tags describe recurring communication patterns that may influence tone, clarity, or interpretation but do not independently meet the threshold for mechanism classification.

These patterns are observational rather than causal.

They answer the question:

If no mechanism is present, what communication pattern is being observed?

NMP patterns serve four functions:

- 1. Prevent over-labeling of mechanisms.**
- 2. Preserve useful descriptive information.**
- 3. Capture structural features of ordinary communication.**
- 4. Improve calibration by distinguishing pressure from expression.**





NMP tags may coexist with mechanisms, but they do not imply manipulation.

Examples:

- A message may be emotionally charged without containing a mechanism.
- A speaker may shift attention to themselves without attempting to redirect influence.
- A statement may signal closure without actively suppressing disagreement.

NMP classification is appropriate when:

- No clear mechanism is present.
- The pattern is descriptive rather than coercive.
- The effect is tonal rather than directional.
- Carrier phrases do not meet mechanism definitions.

NMP tags should be used conservatively.

The goal is not to classify every stylistic feature of language. The goal is to preserve meaningful observations while maintaining strict boundaries between normal communication and applied influence.

6. NMP PATTERNS

1. Affective Framing:

Emotionally charged language that shapes tone or interpretation without applying direct pressure.





2. Self-Shift:

Redirects focus from the original topic to the speaker's own experience, feelings, or perspective.

3. Closure Signaling

Language indicating resignation, finality, or withdrawal without explicitly discouraging disagreement.

4. Defensive Qualification:

Introduces explanations or disclaimers intended to protect the speaker from anticipated judgment.

5. Context Shielding:

Provides situational context that may soften interpretation of a statement or behavior.

6. Implicit Audience Broadcast:

A message directed to one person but constructed to be received as a broader statement.

7. Narrative Amplification:

Uses additional detail or storytelling to intensify emotional salience without altering the core claim.

8. Direct Challenge:

Explicit questioning or confrontation that does not itself contain a mechanism.

9. Ambivalent Signaling:

Communicates mixed or contradictory positions without resolving them.





10. Reflective Disclosure:

Open description of internal state, beliefs, or experiences without applying pressure to the listener.

SECTION IV — VULNERABILITY LAYER

7. HOST VULNERABILITIES OVERVIEW

Mechanisms do not operate in isolation.

Their effectiveness depends in part on characteristics of the receiving system—the host.

In VectorLLM, vulnerabilities are defined as contextual sensitivities that increase the probability that a given mechanism will influence perception, interpretation, or behavior.

A vulnerability is not a flaw.

It is a condition under which a mechanism is more likely to be effective.

These conditions may be:

- temporary,
- situational,
- developmental,
- or trait-based.





The purpose of this layer is explanatory.

It provides a principled account of why particular forms of language can exert influence under certain conditions.

8. VULNERABILITY SET

1. Belonging Need

Sensitivity to social inclusion, acceptance, and fear of exclusion.

2. Validation Seeking

Dependence on external approval or confirmation of worth.

3. Guilt Sensitivity

Heightened responsiveness to implied responsibility for negative outcomes.

4. Moral Framing Sensitivity

Strong responsiveness to language involving right, wrong, duty, or obligation.

5. Authority Dependence

Tendency to defer to perceived expertise, rank, or institutional legitimacy.

6. Status Sensitivity

Concern with reputation, comparison, rank, or perceived standing.

7. Urgency Reactivity

Reduced deliberation when decisions are framed as time-sensitive.





8. Fear Reactivity

Increased responsiveness to threat, risk, or potential harm.

9. Uncertainty Intolerance

Discomfort with ambiguity, nuance, or unresolved complexity.

10. Conflict Avoidance

Preference for reducing interpersonal tension and avoiding disagreement.

SECTION V - MAPPING LAYER

9. MECHANISM → VULNERABILITY MATRIX

The Mechanism → Vulnerability Matrix links each linguistic mechanism to the host conditions most likely to increase its effectiveness.

This matrix serves as a constraint layer.

Without it, vulnerability assignment becomes subjective and inconsistent. With it, the analyst is guided toward a limited set of plausible targets based on the structure of the mechanism itself.

The matrix answers the question:

> Which host vulnerability is this mechanism most likely attempting to exploit?

Each mechanism is mapped to:

- one primary vulnerability,
- and, where appropriate, one secondary vulnerability.





Primary mappings should be used by default.

Secondary mappings are optional and should only be applied when the text clearly supports them.

◆ Mechanism > Vulnerability Matrix

Mechanism	Primary Vulnerability	Secondary Vulnerability
Identity Hook	Belonging Need	Validation Seeking
Belonging Lure	Belonging Need	
Guilt Loading	Guilt Sensitivity	Validation Seeking
Duty Framing	Moral Framing Sensitivity	Guilt Sensitivity
Authority Frame	Authority Dependence	Status Sensitivity
False Consensus	Belonging Need	Uncertainty Tolerance
Status Pressure	Status Sensitivity	





Mechanism	Primary Vulnerability	Secondary Vulnerability
Urgency Capture	Urgency Reactivity	Authority Dependence
Scarcity Trigger	Urgency Reactivity	Fear Reactivity
Fear Priming	Fear Reactivity	
Moral Inversion	Moral Framing Sensitivity	
Question Suppression	Conflict Avoidance	Authority Dependence
Ambiguity Fog	Uncertainty Tolerance	
Euphemistic Masking	Uncertainty Tolerance	Moral Framing Sensitivity
Repetition Drive	Uncertainty Tolerance	





Cluster Observations

Several mechanisms converge on the same vulnerability.

Belonging Cluster

- Identity Hook
- Belonging Lure
- False Consensus

Pressure Cluster

- Urgency Capture
- Scarcity Trigger
- Fear Priming

Cognitive Simplification Cluster

- Ambiguity Fog
- Repetition Drive
- Slogan Compression
- Complexity Suppression

Conflict Management Cluster

- Question Suppression
- Conflict Preemption

These clusters suggest that diverse surface forms may target the same underlying sensitivities.

10. MATRIX APPLICATION RULES

The matrix is intended to constrain judgment, not replace it. Use the following procedure when assigning vulnerabilities.





Step 1 — Identify the Mechanism

- Determine which mechanism best matches the carrier phrase.

Step 2 — Consult the Matrix

- Locate the corresponding primary vulnerability.

Step 3 — Assign the Primary Vulnerability

- Use the primary mapping unless there is clear textual support for an alternative.

Step 4 — Consider a Secondary Vulnerability

Add only if:

- the secondary mapping is listed,
- and the text strongly supports it.

Step 5 — Preserve Uncertainty

- If the targeted vulnerability is unclear, assign only the primary mapping or leave the vulnerability field uncertain.

Constraints

- Prefer one vulnerability.
- Use two only when justified.
- Do not invent mappings outside the matrix without explicit rationale.
- Avoid diagnosing stable personality traits.
- Vulnerabilities are contextual hypotheses, not facts.

Example

-Text:

“Everyone agrees this is the best option. Let’s not overthink it.”



Mechanisms:

- False Consensus
- Complexity Suppression

Vulnerabilities:

- Belonging Need
- Uncertainty Intolerance

This example illustrates how multiple mechanisms can target different host sensitivities simultaneously.

SECTION VI - FIELD USE

11. FIELD PROTOCOL (5-STEP PROCESS)

The Field Protocol provides a standardized procedure for applying VectorLLM to real-world text. The protocol is intentionally constrained to reduce over-interpretation and improve repeatability.

Step 1 — Capture

Collect a short text sample, typically one to three sentences.

Preferred sources:

- emails,
- social media posts,
- advertisements,
- workplace communication,
- interpersonal messages.



Step 2 — Identify

Locate the carrier phrase or phrases responsible for the observed effect. Highlight the minimal text that supports classification.

Step 3 — Label

Assign:

- up to two mechanisms,
- relevant NMP tags,
- and one primary vulnerability.

Step 4 — Analyze

Briefly explain:

- why the mechanism applies,
- what pressure is being exerted,
- and which host condition is being targeted.

Step 5 — Review

Audit the classification:

- Could fewer mechanisms explain the text?
- Did I confuse tone with structure?
- Is the carrier phrase precise?
- Would another analyst agree?

If not, revise or discard.





12. ANNOTATION **FORMAT**

Vector**LLM** uses a structured annotation schema to preserve consistency.

```
json
{
  "text": "",
  "mechanisms": [],
  "nmp_tags": [],
  "host_vulnerabilities": [],
  "carrier_phrases": [],
  "confidence": 0.0,
  "reason": ""
}
```

Field Definitions:

text

-The complete text being analyzed.

mechanisms

-List of assigned mechanisms (maximum two).

nmp_tags

-Optional descriptive tags for non-mechanism patterns.

host_vulnerabilities

-Primary and optional secondary vulnerabilities.

carrier_phrases

-Exact text segments supporting the classification.



**confidence**

-Analyst confidence on a scale from 0.0 to 1.0.

reason

-Brief explanation of why the labels were assigned.#### confidence
Analyst confidence on a scale from 0.0 to 1.0.

reason

-Brief explanation of why the labels were assigned.#### confidence
Analyst confidence on a scale from 0.0 to 1.0.

reason

-Brief explanation of why the labels were assigned.

Example:**json**

```
{  
  "text": "Everyone agrees this is the best option. Let's not overthink  
it.",  
  "mechanisms": ["false_consensus", "complexity_suppression"],  
  "nmp_tags": [],  
  "host_vulnerabilities": ["belonging_need",  
"uncertainty_intolerance"],  
  "carrier_phrases": [ "Everyone agrees", "Let's not overthink it" ],  
  "confidence": 0.91,  
  "reason": "The text invokes group agreement and dismisses  
nuance." }
```





13. COMMON ERRORS

The most frequent failure modes are conceptual rather than technical.

1. Over-Labeling

Assigning mechanisms to every notable feature of a message.
Correction: Label only what is directly supported by the carrier phrase.

2. Confusing Tone with Mechanism

Emotion does not automatically imply influence.
Correction: Identify the structural pressure being applied.

3. Missing the Carrier Phrase

Labels without exact textual support are unreliable.
Correction: Highlight the minimal triggering language.

4. Exceeding the Two-Mechanism Limit

More labels usually indicate weak prioritization.
Correction: Keep only the strongest and most direct mechanisms.

5. Conflating Layers

Mechanisms, NMP tags, and vulnerabilities serve different functions.

Correction: Maintain clear separation between layers.





6. Assuming Intent

The framework evaluates structure, not motive.
Correction: Describe what is observable.

7. Ignoring Uncertainty

Ambiguous cases should remain unresolved.
Correction: Use lower confidence or leave fields unassigned.

Final Audit Questions

Before accepting any annotation, ask:

- Is the carrier phrase explicit?
- Does the mechanism definition fit directly?
- Could this be explained by an NMP pattern instead?
- Is the vulnerability supported by the matrix?
- Would another analyst likely agree?

SECTION VII - CALIBRATION

14. LABELED EXAMPLES

The purpose of calibration is to ensure that the framework is being applied consistently.

Definitions alone are insufficient. Analysts must see how mechanisms, NMP patterns, and vulnerabilities are assigned in practice.

The examples below are intentionally brief and use the full annotation format.





They demonstrate:

- precise carrier phrase selection,
- conservative labeling,
- and disciplined use of the two-mechanism constraint.

Example 1 — False Consensus + Complexity Suppression

Text:

“Everyone agrees this is the best option. Let’s not overthink it.”

json id="4sqv4v"

```
{  
  "mechanisms": [  
    ▶ "false_consensus",  
    "complexity_suppression"  
  ],  
  "nmp_tags": [],  
  "host_vulnerabilities": [  
    "belonging_need",  
    "uncertainty_intolerance"  
  ],  
  "carrier_phrases": [  
    "Everyone agrees",  
    "Let's not overthink it"  
  ],  
  "confidence": 0.91,  
  "reason": "The message invokes implied group agreement and dismisses nuance."  
}
```

}





Example 2 — Guilt Loading + Conflict Preemption

Text:

“After everything I’ve done for you, I guess I know where I stand.”

```
json id="6dr6ic"
{
  "mechanisms": [
    "guilt_loading",
    "conflict_preemption"
  ],
  "nmp_tags": [
    "closure_signaling"
  ],
  "host_vulnerabilities": [
    "guilt_sensitivity",
    "conflict_avoidance"
  ],
  "carrier_phrases": [
    "After everything I've done for you",
    "I guess I know where I stand"
  ],
  "confidence": 0.88,
  "reason": "The message implies obligation and frames the interaction as emotionally closed."
}
```



Example 3 — NMP Only

Text:

“I’m exhausted and probably overreacting, but I needed to say how I feel.”

json id="c1x6ga"

```
{  
  "mechanisms": [],  
  "nmp_tags": [  
    "affective_framing",  
    "defensive_qualification",  
    "reflective_disclosure"  
  ],  
  "host_vulnerabilities": [],  
  "carrier_phrases": [],  
  "confidence": 0.79,  
  "reason": "The message is emotionally expressive but does not  
  apply directional pressure."  
}
```

Example 4 — Authority Frame

Text:

“The experts have already determined this is the only responsible choice.”

json id="f23e6n"

```
{  
  "mechanisms": [  
    "authority_frame"  
  ]  
}
```



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+++



```
],  
"nmp_tags": [],  
"host_vulnerabilities": [  
  "authority_dependence"  
],  
"carrier_phrases": [  
  "The experts have already determined"  
],  
"confidence": 0.90,  
"reason": "The message substitutes authority for independent  
evaluation."  
}
```

Example 5 — Ambiguity Fog

Text:

“We may need to revisit some concerns as circumstances evolve.”

json id="jv44wv"

```
{  
  "mechanisms": [  
    "ambiguity_fog"  
  ],  
  "nmp_tags": [],  
  "host_vulnerabilities": [  
    "uncertainty_intolerance"  
  ],  
  "carrier_phrases": [  
    "revisit some concerns",  
    "as circumstances evolve"  
  ],  
  "confidence": 0.84,  
  "reason": "The language is intentionally vague in a context  
requiring specificity."  
}
```

}





15. EDGE CASES

Edge cases test the boundaries of the framework.

These examples are important because they reveal where mechanisms are uncertain, where NMP tags are more appropriate, and where no classification should be assigned.

The goal is not to force a decision. The goal is to preserve analytical discipline.

Edge Case 1 — Emotion Without Mechanism

Text:

“I’m really disappointed.”

Assessment:

- Mechanisms: None
- NMP: Affective Framing
- Rationale: Emotional expression alone does not constitute pressure.

Edge Case 2 — Finality Without Suppression

Text:

“I think it’s best if we move on.”

Assessment:

- Mechanisms: None
- NMP: Closure Signaling
- Rationale: The statement communicates finality but does not discourage disagreement.





Edge Case 3 — Repetition for Emphasis

Text:

“This matters. It really matters.”

Assessment:

- Mechanisms: None
- NMP: Narrative Amplification
- Rationale: Repetition alone does not meet the threshold for Repetition Drive.

Edge Case 4 — Legitimate Urgency

Text:

“The meeting starts in five minutes.”

Assessment:

- Mechanisms: None
- NMP: None
- Rationale: Time pressure is factual rather than persuasive.

Edge Case 5 — Uncertain Classification

Text:

“People are talking.”

Assessment:

- Possible Mechanisms: False Consensus
- Confidence: Low
- Recommended Action: Mark uncertain or leave unlabeled.





16. REAL-WORLD CONTEXTS

VectorLLM is designed to operate across domains.

The same mechanism may appear in different settings while serving similar functional roles. The context changes the surface form. The underlying structure remains stable.

Workplace Communication

Common mechanisms:

- Duty Frame
- Authority Frame
- Urgency Capture
- Ambiguity Fog

Example:

“Leadership needs this completed today.”

Potential mechanisms:

- Authority Frame
- Urgency Capture

Social Media

Common mechanisms:

- False Consensus
- Moral Inversion
- Conflict Preemption
- Repetition Drive

Example:

“Everyone knows this is the truth.”





Sales and Marketing

Common mechanisms:

- Scarcity Trigger
- Fear Priming
- Status Pressure

Example:

“Only a few spots remain.”

Interpersonal Relationships

Common mechanisms:

- Guilt Loading
- Identity Hook
- Conflict Preemption

Example:

“I guess I know how much I matter to you.”

Political Messaging

Common mechanisms:

- Slogan Compression
- Moral Inversion
- Question Suppression

Example:

“If you care about freedom, you already know what to do.”





One of the most valuable uses of VectorLLM is retrospective self-analysis.

Applying the framework to one's own communication reveals recurring patterns, assumptions, and influence strategies that may otherwise go unnoticed.

**The objective is not self-criticism.
The objective is increased awareness.**

Questions for Self-Analysis

- Which mechanisms do I use most often?
- Which NMP patterns recur in my communication?
- Which vulnerabilities do I respond to most strongly?
- How has my communication changed over time?
- What patterns appear during stress?

Recommended Process

1. Select past messages, posts, or emails.
2. Annotate using the standard schema.
3. Compare patterns across time.
4. Identify recurring tendencies.
5. Revise communication where appropriate.

Benefits

Self-analysis can:

- reveal habitual framing patterns,
- reduce reactive communication,
- improve precision,
- and strengthen resistance to external influence.





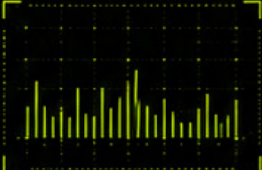
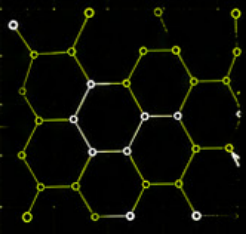
VECTORLLM

SYSTEM STATUS: ACTIVE
VERSION: v0.1
MODE: ANALYSIS
LAYER: CORE
SIGNAL: STABLE

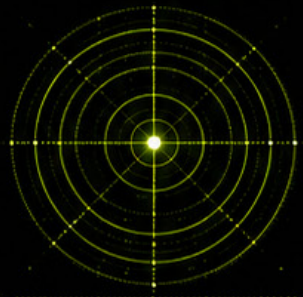
LANGUAGE IS A VECTOR.
MIND IS THE HOST.

01000110 01101100
01100101 01100011
01110010 01110100
01101100 01101101
01110100 01100001

LANG_VEC	○○○
MIND_HOST	○○○
CORE_LYR	○○○
SIG_STABLE	○○○



SIGNAL ANALYSIS



LANG_VEC	○○○
MIND_HOST	○○○
CORE_LYR	○○○
SIG_STABLE	○○○

SYSTEMS THINK.
PEOPLE RESPOND.

